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30 JUL 2001
BOX SEQUENCE
PATENT
0020-4841P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: MORIKAWA, Wataru et al. Conf.: 2810

Appl. No.: 09/806,568 Group: Unassigned

Filed: April 2, 2001 Examiner: Unassigned

For: ENZYME PRODUCING PLASMA PROTEIN
FRAGMENT HAVING INHIBITORY ACTIVITY TO
METASTASIS AND GROWTH OF CANCER AND
PLASMA PROTEIN FRAGMENT PRODUCED BY
FRAGMENTATION BY SAID ENZYME

AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

July 30, 2001

Sir:

In reply to the U.S. Patent Office Notice to Comply with Requirements for Patent Applications
Containing Nucleotide Sequence and/or Amino Acid Disclosures dated May 30, 2001, the following
amendments and remarks are respectfully submitted in connection with the above-identified application.

IN THE ABSTRACT:

Please replace the Abstract with the rewritten Abstract located below:

--An aspartic enzyme having a high homology with a cathepsin D

A
precursor, which is a protein having the N-terminal amino acid sequence
LVR IPL HKFT (SEQ ID NO:1) and showing a molecular weight of about 45 kDa
in non-reductive SDS electrophoresis and can degrade plasma proteins, typically